BRUHAT BANGALORE MAHANAGARA PALIKE
YALAHANKA ZONE

Name of work: Estimate for Construction of Flat form to Raithara Santhe at Singapura in Ward No. 11, (Kuvempunagara) Vidyaranyapura Sub Division.

			Estimate Cost Rs.					2000000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods complete as per specifications, specification, No, KBS 2.1(a) / 2.3.5, **Page No. 5 / Item No. 2.3 / PWD SR 2015-16**	Cum							
	Centreline		2	6.00	1.00	0.75	9.00		
			2	30.00	1.00	0.75	45.00		
			40	1.20	1.20	1.20	69.12		
							123.12	188.68	**23230.00**
	Basic Rate	178.00							
	Area Weightage @ 6%	10.68							
	Total	**188.68**							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2015-16**	Cum							
	Centreline		2	6.00	1.00	0.15	1.80		
			2	30.00	1.00	0.15	9.00		
	For Flooring		1	30.00	6.00	0.15	27.00		
			40	1.20	1.20	0.15	8.64		
							46.44	4976.70	**231118.00**
	Basic Rate	4695.00							
	Area Weightage @ 6%	281.70							
	Total	**4976.70**							
3	KSRB 5.2.3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5.1.13 **Page No. 23 / Item No. 5.6 / PWD SR 2015-16**	Cum							
			4	30.00	0.60	0.45	32.40		

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			4	6.00	0.60	0.45	6.48		
							38.88	4058.74	**157804.00**
	Basic Rate	3829.00							
	Area Weightage @ 6%	229.74							
	Total	**4058.74**							
4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 **Page No. 23 / Item No. 5.9 / PWD SR 2015-16**	Cum							
			4	30.00	0.45	0.45	24.30		
			4	6.00	0.45	0.45	4.86		
							29.16	4814.52	**140391.00**
	Basic Rate	4542.00							
	Area Weightage @ 6%	272.52							
	Total	**4814.52**							
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, **Page No. 6 / Item No. 2.10 / PWD SR 2014-15**	Cum							
			Qty Vide Item No. 2				**123.12**	116.60	**14356.00**
	Basic Rate	110.00							
	Area Weightage @ 6%	6.60							
	Total	**116.60**							
6	KSRB 15.1.1: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. **Page No. 109 / Item No. 15.1 / PWD SR 2015-16**	Sqm							
			4	30.00		0.45	54.00		
			4	6.00		0.45	10.80		
							64.80	97.52	**6319.00**
	Basic Rate	92.00							
	Area Weightage @ 6%	5.52							
	Total	**97.52**							

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Providing and laying cement concrete using 20mm and down size granite jelly of ready mixed concrete (RMC)for R.C.C works laid in 15cms thick layers and well compacted vibrating, curing, finishing with necessary cement mortar, form works and scaffoldings to withstand pumping of concrete, with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) Ready mixed Cement concrete M-20 (1:1.5:3) for raft foundation, column footing, main and secondary beams. **Page No. 18 / Item No. 4.48 / PWD SR 2015-16**	Cum							
			40	1.20	1.20	0.60	34.56		
			40	0.45	0.45	0.45	3.65		
							38.21	6214.78	**237436.00**
	Basic Rate	5863.00							
	Area Weightage @ 6%	351.78							
	Total	**6214.78**							
8	Fabricating supplying and erecting **M.S. TubulerTruss of span upto 10m** bottom and top member is provided with 50x50x6mm double equale angles, welded back to back and in between top and bottom line, in ereas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided all the members are weldeded togeher with 6mm gusset plate as per drawing, Nos CBS/SD/K- mantap79/MND/97. The enter truss is anchored in RCC column buy using 4Nos of M.S anchor bolts at eacth support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening , pacing in position of M.S angle and welding wherever necessary, and applying one of red oxide primer coat to all the members including cost of all materials, labour charges,and higher charges of mechineries for cutting welding, granding and erection equipments, etc, complete as per specification. Page No. 41 / I No. 7.30/ PWD SR 2015-16	kgs							
	100 mm dia pipes		3	30.00		90.00			
			2	6.00		12.00			
						102.00			
					wt	5.00	510.00		
	trusses		40	1.80		72.00			
					wt	15.00	1080.00		
			41	1.50		61.50			
					wt	15.00	922.50		
	pipe 63 mm dia		40	3.00		120.00			
						3.50	420.00		
							2932.50		
						say	**2932.50**	128.26	**376122.00**

	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	121.00							
	Area Weightage @ 6%	7.26							
	Total	**128.26**							
9	Providing Meta color sheet roofing with J or L hooks, bolts and nuts 8mm dia C.I plain and bitumen washers over the existing purlins, rafters and trusses includeing cost of materials, labour, complete as per specifications.	sqm							
			2	30.00	9.00		**540.00**	1200.00	**648000.00**
10	Sub Total								**1834776.00**
11	KRIDL Charges @ 8%								**146782.00**
12	Thirty Party Inspection Charges @ 1%								**18348.00**
13	Miscesalaneous Charges								**94.00**
								Total	**2000000.00**
	(Rupees Twenty Lakhs Only)								

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16 & Market Rate.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

Executive Engineer 19/9/16
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Administrative Approval
Accorded For ..20.00 lakh Rs.
Head of A/C..P2415
CER NO :..41.. Dt:..22/9/16

IA CE (YNK)

Technical Sanction
Accorded For ..20.00 lakh Rs.
Head of A/C..P2415
CER NO :..51.. Dt:..22/9/16

TA CE (YNK)

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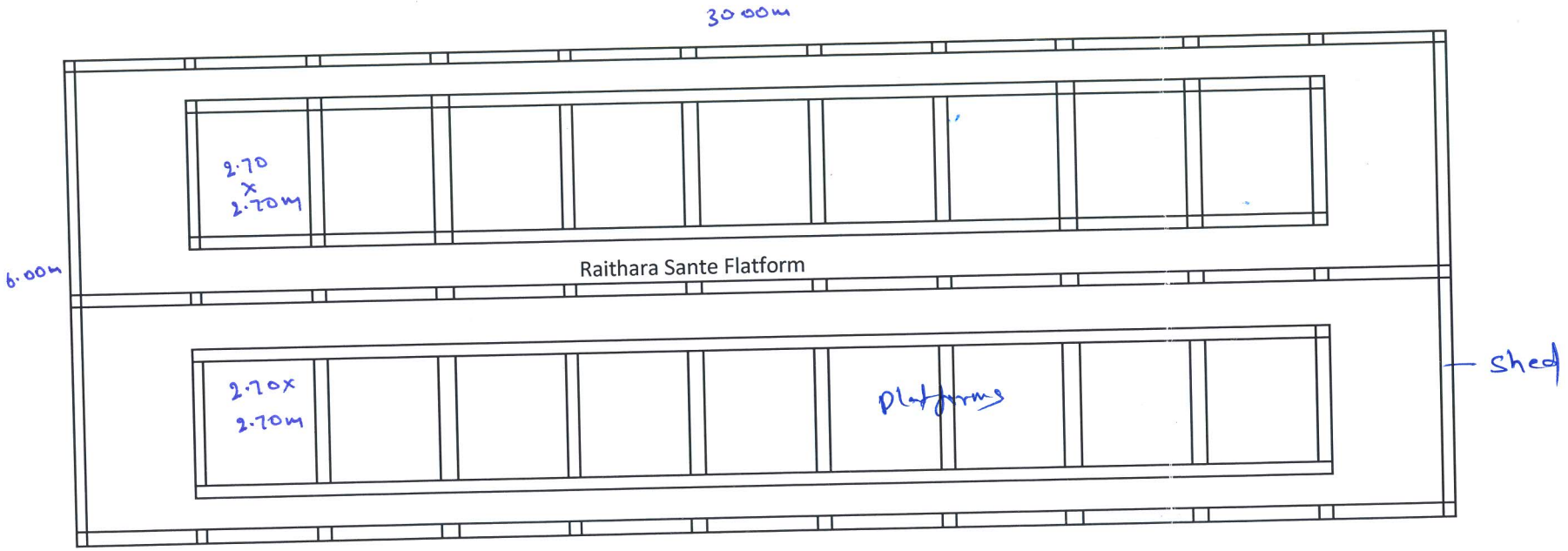

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ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ ಬೆಂ. ಮ. ಪಾ., ಬೆಂಗಳೂರು-97